

Well Name: MORPHEW #3
Company : VINCENT OIL COMPANY
Location - Sec: 33 **Twp:** 7S **Rge:** 22W
County: GRAHAM **State:** KS
Date: 01/03/96

TRILOBITE TESTING L.L.C.

OPERATOR : Vincent Oil Corporation
 WELL NAME: Morphew #3
 LOCATION : 33-07S-22W, Graham Cty KS
 INTERVAL : 3467.00 To 3492.00 ft

DATE 12-31-95
 KB 2213.00 ft TICKET NO: 8675 DST #1
 GR 2208.00 ft FORMATION: Lansing
 TD 3492.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

		Field	1	2	3	4	TIME DATA-----	
Mins		24174	10994				PF Fr.	0958 to 1020 hr
PF 22 Rec.				0.0	0.0	0.0	IS Fr.	to hr
SI 0 Range(Psi)		3050.0	4225.0				SF Fr.	to hr
SF 0 Clock(hrs)		AK-1	AK-1				FS Fr.	to hr
FS 0 Depth(ft)		3469.0	3487.0	0.0	0.0	0.0		

		Field	1	2	3	4		
A. Init Hydro		0.0	0.0	0.0	0.0	0.0	T STARTED	0825 hr
B. First Flow		0.0	0.0	0.0	0.0	0.0	T ON BOTM	0945 hr
B1. Final Flow		0.0	0.0	0.0	0.0	0.0	T OPEN	0958 hr
C. In Shut-in		0.0	0.0	0.0	0.0	0.0	T PULLED	1020 hr
D. Init Flow		0.0	0.0	0.0	0.0	0.0	T OUT	1149 hr
E. Final Flow		0.0	0.0	0.0	0.0	0.0		
F. Fl Shut-in		0.0	0.0	0.0	0.0	0.0	TOOL DATA-----	
G. Final Hydro		0.0	0.0	0.0	0.0	0.0	Tool Wt.	2400.00 lbs
Inside/Outside	I	0					Wt Set On Packer	30000.00 lbs
							Wt Pulled Loose	74000.00 lbs
							Initial Str Wt	46000.00 lbs
							Unseated Str Wt	46000.00 lbs

RECOVERY

Tot Fluid 120.00 ft of 0.00 ft in DC and 120.00 ft in DP
 120.00 ft of Heavy Mud

Bot Choke 0.75 in
 Hole Size 7.88 in
 D Col. ID 0.00 in
 D. Pipe ID 3.80 in
 D.C. Length 0.00 ft
 D.P. Length 3479.00 ft

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 Slid tool when tool opened and then
 slid another 6' after tool opened;
 .75" blow decreasing to .5"

Initial Shutin -

N/A pulled tool; misrun --plugged tool

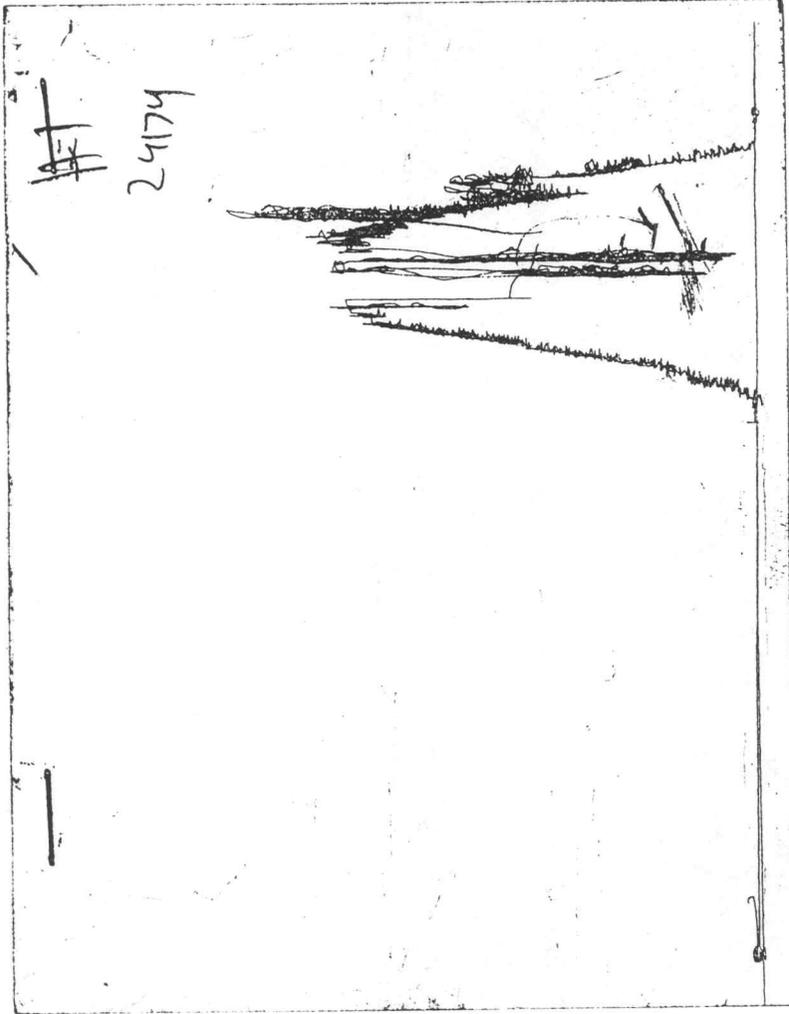
MUD DATA-----

Mud Type	Chemical
Weight	8.90 lb/cf
Vis.	46.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop Y	0.0 ft
Amt. of fill	12.00 ft
Btm. H. Temp.	105.00 F
Hole Condition	poor
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Paul Simpson
Co. Rep.	Craig Caulk
Contr.	White & Ellis
Rig #	9
Unit #	
Pump T.	

SAMPLES:
 SENT TO:

Test Successful: N

CHART PAGE



This is an actual photograph of recorder chart

TRILOBITE TESTING L.L.C.

OPERATOR : Vincent Oil Corporation
 WELL NAME: Morphew #3
 LOCATION : 33-07S-22W, Graham Cty KS
 INTERVAL : 3465.00 To 3492.00 ft

DATE 12-31-95
 KB 2213.00 ft TICKET NO: 8901 DST #2
 GR 2208.00 ft FORMATION: Lansing 35' zone
 TD 3492.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	24174	24174	10994			PF Fr. 1928 to 1958 hr
SI 45	Range(Psi)	3050.0	3050.0	4225.0	0.0	0.0	IS Fr. 1958 to 2043 hr
SF 30	Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 2043 to 2113 hr
FS 45	Depth(ft)	3467.0	3467.0	3487.0	0.0	0.0	FS Fr. 2113 to 2158 hr

	Field	1	2	3	4	
A. Init Hydro	1651.0	1650.0	0.0	0.0	0.0	T STARTED 1822 hr
B. First Flow	59.0	70.0	0.0	0.0	0.0	T ON BOTM 1926 hr
B1. Final Flow	301.0	307.0	0.0	0.0	0.0	T OPEN 1928 hr
C. In Shut-in	948.0	947.0	0.0	0.0	0.0	T PULLED 2158 hr
D. Init Flow	369.0	373.0	0.0	0.0	0.0	T OUT 2358 hr
E. Final Flow	522.0	518.0	0.0	0.0	0.0	
F. Fl Shut-in	933.0	936.0	0.0	0.0	0.0	

	Field	1	2	3	4	TOOL DATA-----
G. Final Hydro	1643.0	1645.0	0.0	0.0	0.0	Tool Wt. 2400.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 70000.00 lbs
						Initial Str Wt 46000.00 lbs
						Unseated Str Wt 49000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3479.00 ft

RECOVERY

Tot Fluid 1590.00 ft of 0.00 ft in DC and 1590.00 ft in DP
 1590.00 ft of Slightly muddy water w/ few oil spots at top

RW .26 @ 65 F

SALINITY 28000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 Strong blow, bottom of bucket in 2 min

Initial Shutin -
 No blow

Final Flow -
 .5" blow building to bottom of bucket
 in 7 min

Final Shutin -
 No blow

SAMPLES:
 SENT TO:

MUD DATA-----

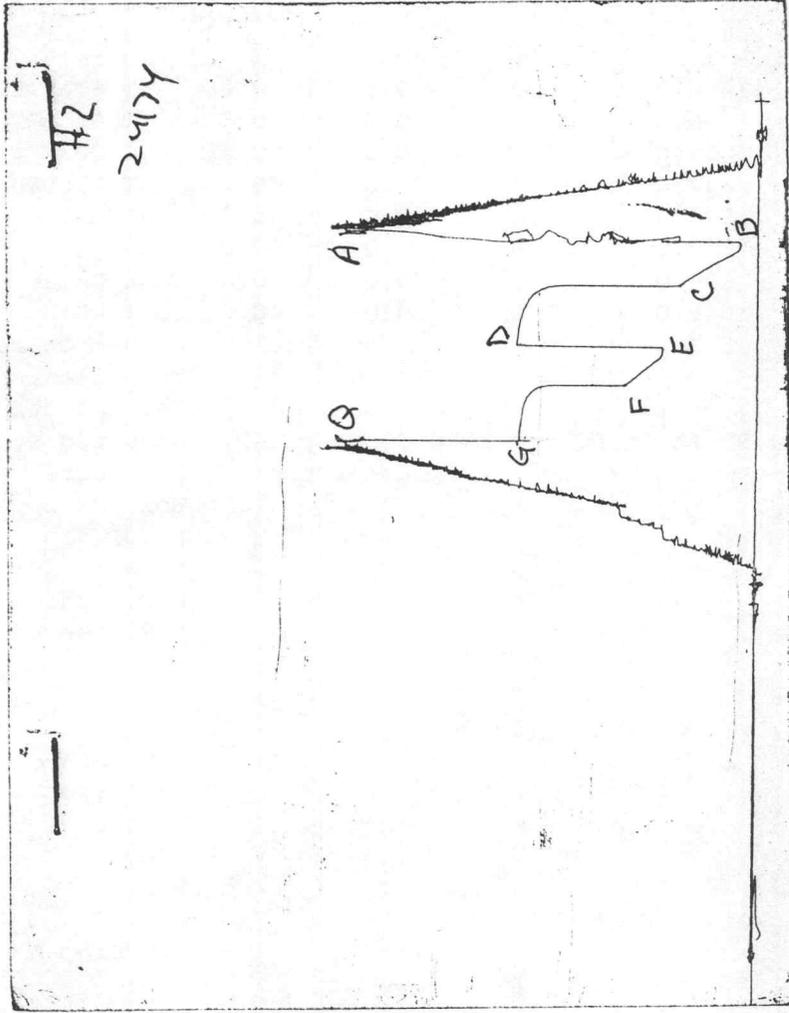
Mud Type	Chemical
Weight	8.90 lb/c
Vis.	50.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop N	

Amt. of fill	0.00 ft
Btm. H. Temp.	115.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00

Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Paul Simpson
 Co. Rep. Craig Caulk
 Contr. White & Ellis
 Rig # 9
 Unit #
 Pump T.

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

15-065-22764

(Missing DST 1 + 2)

33-7s-22w

TRILOBITE TESTING L.L.C.

OPERATOR : Vincent Oil Corporation
 WELL NAME: Morphew #3
 LOCATION : 33-07S-22W, Graham Cty KS
 INTERVAL : 3560.00 To 3610.00 ft

DATE 01-01-96
 KB 2213.00 ft TICKET NO: 8902 DST #3
 GR 2208.00 ft FORMATION: Lansing H-I zone
 TD 3610.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 45	Rec.	24174	24174	10994			PF Fr. 1436 to 1521 hr
SI 60	Range(Psi)	3050.0	3050.0	4225.0	0.0	0.0	IS Fr. 1521 to 1621 hr
SF 45	Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 1621 to 1706 hr
FS 75	Depth(ft)	3562.0	3562.0	3605.0	0.0	0.0	FS Fr. 1706 to 1821 hr

	Field	1	2	3	4	
A. Init Hydro	1765.0	1768.0	0.0	0.0	0.0	T STARTED 1331 hr
B. First Flow	22.0	21.0	0.0	0.0	0.0	T ON BOTM 1434 hr
B1. Final Flow	35.0	37.0	0.0	0.0	0.0	T OPEN 1436 hr
C. In Shut-in	172.0	170.0	0.0	0.0	0.0	T PULLED 1821 hr
D. Init Flow	74.0	69.0	0.0	0.0	0.0	T OUT 2000 hr
E. Final Flow	82.0	79.0	0.0	0.0	0.0	
F. Fl Shut-in	713.0	713.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1704.0	1704.0	0.0	0.0	0.0	Tool Wt. 2400.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 50000.00 lbs
						Initial Str Wt 43000.00 lbs
						Unseated Str Wt 44000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3573.00 ft

RECOVERY

Tot Fluid 180.00 ft of 0.00 ft in DC and 180.00 ft in DP
 1246.00 ft of Gas in pipe
 20.00 ft of Gassy oil - 10% gas, 90% oil
 160.00 ft of Gassy heavy oil cut mud -
 5% gas, 45% oil, 50% mud

SALINITY 0.00 P.P.M. A.P.I. Gravity 44.00

BLOW DESCRIPTION

Initial Flow -
 .25" blow building to bottom of bucket
 in 17 minutes

Initial Shutin -
 Surface blow building to 2"

Final Flow -
 2" blow building to bottom of bucket
 in 1 min

Final Shutin -
 Surface blow building to .75"

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	52.00 S/L
W.L.	8.00 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	107.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Paul Simpson
Co. Rep.	Craig Caulk
Contr.	White & Ellis
Rig #	9
Unit #	
Pump T.	

Test Successful: Y

CALCULATED RECOVERY ANALYSIS - DRILL PIPE

DST # 3

TICKET # 8902

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
1	20	10	2	90	18		0		0
2	160	5	8	45	72		0	50	80
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
6			0		0		0		0
TOTAL	180	5.56	10	50.00	90	0	0	44.44	80

HRS OPE BBL/DAY

3BL OIL=	1.2798	*	1.50	20.48
3BL WATER=	0	*		0.00
3BL MUD=	1.1376			
3BL GAS	0.1422			

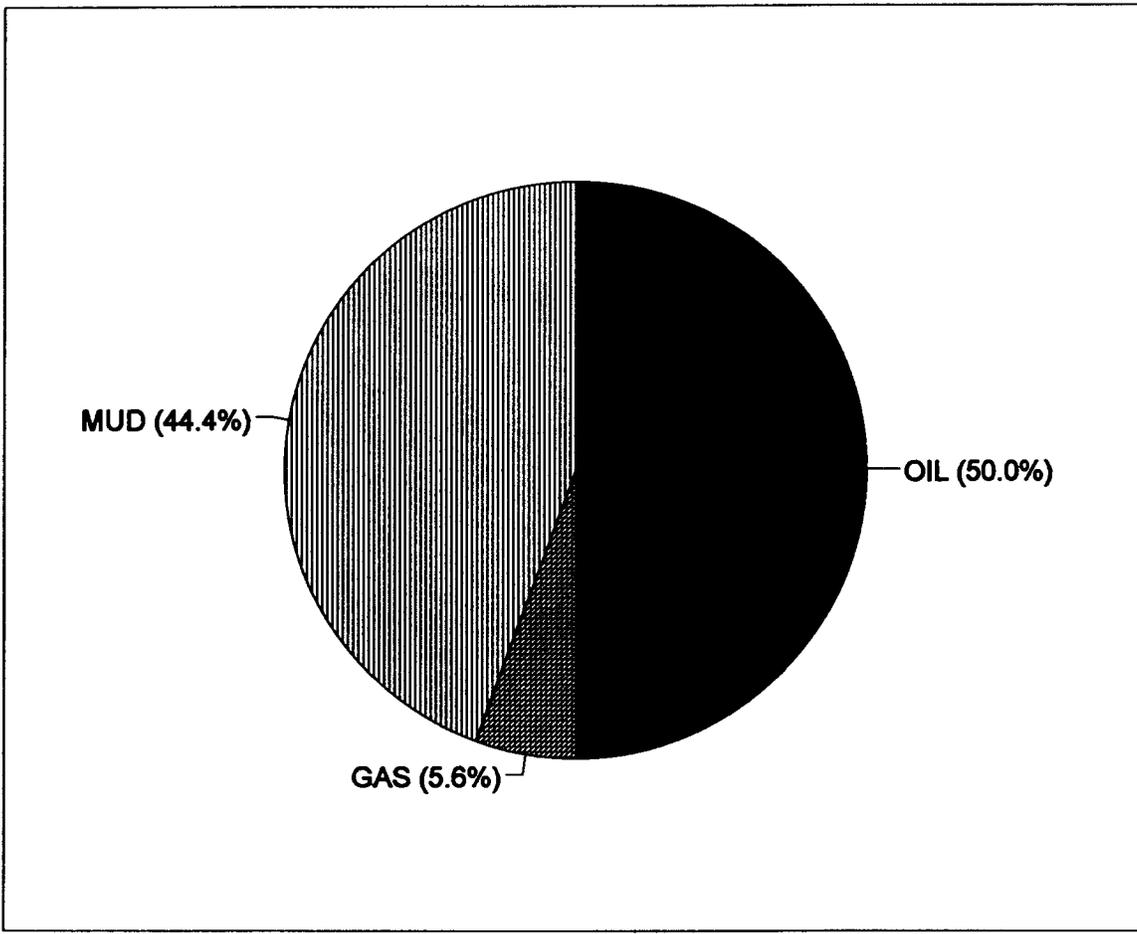
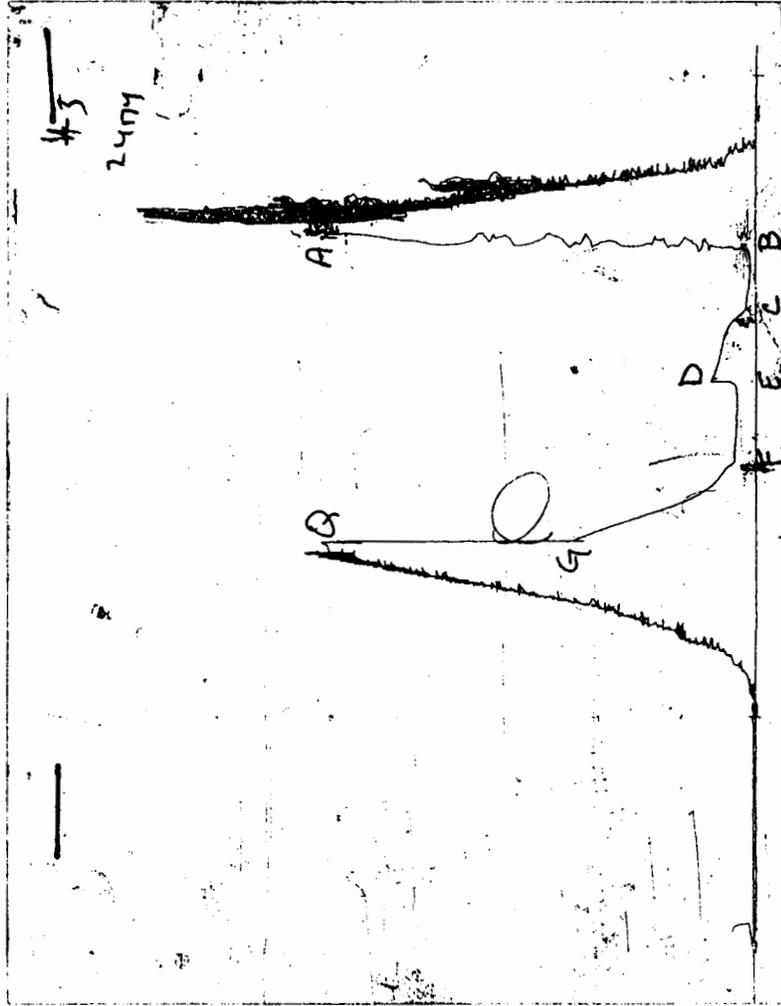


CHART PAGE



This is an actual photograph of recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 8902

Well Name & No. <u>Murphree #3</u>	Test No. <u>3</u>	Date <u>1-1-96</u>
Company <u>Vincent Oil Corp</u>	Zone Tested <u>LKC H-I</u>	
Address _____	Elevation <u>2213</u>	KB <u>2208</u> GL
Co. Rep / Geo. <u>Craig Caulk</u>	Cont. <u>White & Ellis #9</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>33</u>	Twp. <u>Ds</u>	Rge. <u>22w</u> Co. <u>Graham</u> State <u>Ks</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>3560-3610</u>	Initial Str Wt./Lbs. <u>43,000</u>	Unseated Str Wt./Lbs. <u>44,000</u>
Anchor Length <u>50</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>50,000</u>
Top Packer Depth <u>3555</u>	Hole Size — 7 7/8" _____	Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>3560</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____	
Total Depth <u>3610</u>	Drill Collar — 2.25 Ft. Run _____	
Mud Wt. <u>9.1</u> LCM _____ Vis. <u>5.2</u> WL <u>8.0</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3573</u> S 7.5
Blow Description <u>1/4" blow building to bottom of bucket in 17 minutes</u>		
<u>FSD - surface blow building to 2"</u>		
<u>FF - 2" blow building to bottom of bucket in 1 minute</u>		
<u>FSD - surface blow building to 3/4"</u>		

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP	%gas	%oil	%water	%mud
Rec. <u>1246</u>	Feet Of <u>6-1P</u>						
Rec. <u>20</u>	Feet Of <u>gassy oil</u>	<u>10</u>		<u>90</u>	<u>90</u>		
Rec. <u>160</u>	Feet Of <u>gassy HOCM</u>	<u>5</u>		<u>45</u>	<u>45</u>		<u>50</u>
Rec. _____	Feet Of _____						
Rec. _____	Feet Of _____						

BHT 107 °F Gravity 4.3 °API D@ 50 °F Corrected Gravity 44 °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud <u>1765</u> PSI	Recorder No. <u>24174</u>	T-Started <u>1331</u>
(B) First Initial Flow Pressure <u>22</u> PSI	@ (depth) <u>3562</u>	T-Open <u>1436</u>
(C) First Final Flow Pressure <u>35</u> PSI	Recorder No. <u>10994</u>	T-Pulled <u>1821</u>
(D) Initial Shut-in Pressure <u>172</u> <u>159*</u> PSI	@ (depth) <u>3605</u>	T-Out <u>2000</u>
(E) Second Initial Flow Pressure <u>74</u> PSI	Recorder No. _____	
(F) Second Final Flow Pressure <u>82</u> PSI	@ (depth) _____	
(G) Final Shut-in Pressure <u>713</u> PSI	Initial Opening <u>45</u>	Test <u>600</u>
(H) Final Hydrostatic Mud <u>1704</u> PSI	Initial Shut-in <u>60</u>	Jars _____
	Final Flow <u>48</u>	Safety Joint _____
	Final Shut-in <u>75</u>	Straddle _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Craig Caulk
 Our Representative Paul Simpson

Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Elect. Rec. _____
 Other _____
 TOTAL PRICE \$ 600

TRILOBITE TESTING L.L.C.

OPERATOR : Vincent Oil Corporation
 WELL NAME: Morpew #3
 LOCATION : 33-07S-22W, Graham Cty KS
 INTERVAL : 3612.00 To 3628.00 ft

DATE 01-02-96

KB 2213.00 ft TICKET NO: 8903 DST #4
 GR 2208.00 ft FORMATION: Lansing J zone
 TD 3628.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10994	10994	24174			PF Fr. 0514 to 0544 hr
SI 45	Range(Psi)	4225.0	4225.0	3050.0	0.0	0.0	IS Fr. 0544 to 0629 hr
SF 45	Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 0629 to 0714 hr
FS 60	Depth(ft)	3623.0	3623.0	3614.0	0.0	0.0	FS Fr. 0714 to 0814 hr

	Field	1	2	3	4	
A. Init Hydro	1834.0	1832.0	0.0	0.0	0.0	T STARTED 0402 hr
B. First Flow	53.0	65.0	0.0	0.0	0.0	T ON BOTM 0512 hr
B1. Final Flow	128.0	140.0	0.0	0.0	0.0	T OPEN 0514 hr
C. In Shut-in	191.0	200.0	0.0	0.0	0.0	T PULLED 0814 hr
D. Init Flow	170.0	181.0	0.0	0.0	0.0	T OUT 0937 hr
E. Final Flow	191.0	202.0	0.0	0.0	0.0	
F. Fl Shut-in	202.0	213.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1759.0	1755.0	0.0	0.0	0.0	Tool Wt. 2400.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs

RECOVERY

Tot Fluid 380.00 ft of 0.00 ft in DC and 380.00 ft in DP
 120.00 ft of Gas in pipe
 20.00 ft of Gassy oil - 10% gas, 90% oil
 60.00 ft of Muddy water
 300.00 ft of Salt water

Unseated Str Wt 44000.00 lbs
 Bot Choke 0.75 in
 Hole Size 7.88 in
 D Col. ID 0.00 in
 D. Pipe ID 3.80 in
 D.C. Length 0.00 ft
 D.P. Length 3604.00 ft

RW .20 @ 74

SALINITY 34000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

IF-
 Initial Flow -
 1" blow building to bottom of bucket
 in 4 min
 Initial Shutin -
 Surface blow building to 1"
 Final Flow -
 1" blow building to bottom of bucket
 29 min
 Final Shutin -
 Very weak surface blow

SAMPLES:

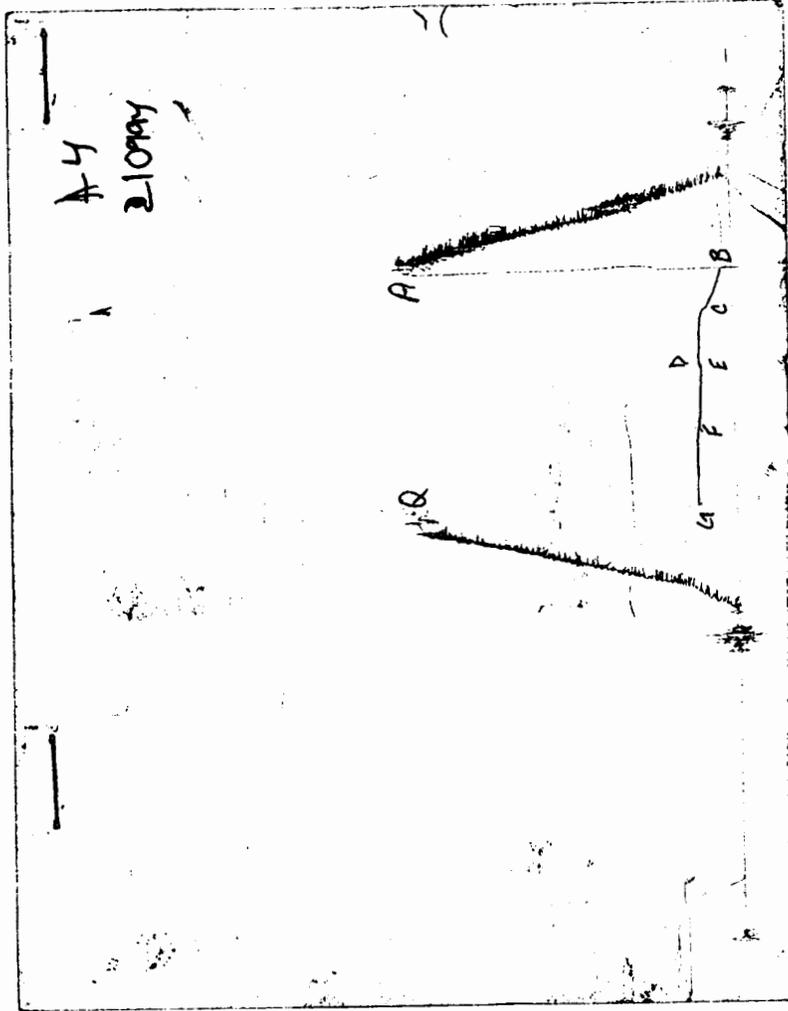
SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/
Vis.	55.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	114.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Paul Simpson
Co. Rep.	Craig Caulk
Contr.	White & Ellis
Rig #	9
Unit #	
Pump T.	

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Morphey #3

LOCATION : 33-07S-22W, Graham Cty KS

TICKET No. 8903 D.S.T. No. 4 DATE 01-02-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 16

TOTAL TOOL 36

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 36

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands58 Single Total 3604

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3640

TOTAL DEPTH 3628

TOTAL DRILL PIPE ABOVE K.B. 12

REMARKS:

P.O. SUB	
C.O. SUB changeover sub	3592
S.I. TOOL Shutin tool	3598
HMV Hydraulic tool	3603
JARS n/a	
SAFETY JOINT n/a	
PACKER Top Packer	3607
PACKER Bottom Packer	3612
DEPTH 3612	
STUBB	3613
ANCHOR	
2' perf	3615
AK-1 recorder	3615
5' perf	3620
AK-1 recorder	3623
T.C.	
DEPTH	
5' perf	3625
BULLNOSE 3' bull plug	
T.D.	3628

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 8903

Well Name & No. Morphew #3 Test No. 4 Date 1-2-96
Company Vincent Oil Corp Zone Tested LKJ 5
Address _____ Elevation 2213 KB 2208 GL _____
Co. Rep / Geo. Craig Caulk Cont. White & Ellis #9 Est. Ft. of Pay _____ Por. _____ %
Location: Sec. 33 Twp. 7s Rge. 22w Co. Graham State Ks
No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3612-3628 Initial Str Wt./Lbs. 44,000 Unseated Str Wt./Lbs. 44,000
Anchor Length 16 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 45,000
Top Packer Depth 3607 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth 3612 Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth 3628 Drill Collar — 2.25 Ft. Run _____
Mud Wt. 9.0 LCM _____ Vis. SS WL F18 Drill Pipe Size 4 1/2 Ft. Run 3604 SR _____
Blow Description 1" blow building to bottom of bucket in 4 minutes
ISI - surface blow building to 1"
ESI - 1" blow building to bottom of bucket in 29 minutes

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP	%gas	%oil	%water	%mud
Rec. <u>120</u>	Feet Of <u>995.5 p.p.</u>						
Rec. <u>20</u>	Feet Of <u>clgyssy oil</u>	10		10	90		
Rec. <u>360</u>	Feet Of <u>Muddy water</u>						
Rec. <u>6300</u>	Feet Of <u>Salt water</u>						
Rec. _____	Feet Of _____						

BHT 114 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API _____
RW .20 @ 74 °F Chlorides 34,000 ppm Recovery Chlorides 2200 ppm System _____

(A) Initial Hydrostatic Mud 1834 PSI Recorder No. 24174 T-Started 0902
(B) First Initial Flow Pressure 53 PSI @ (depth) 3614 T-Open 0514
(C) First Final Flow Pressure 128 PSI Recorder No. 10994 T-Pulled 0814
(D) Initial Shut-in Pressure 191 PSI @ (depth) 3623 T-Out 0937
(E) Second Initial Flow Pressure 170 PSI Recorder No. _____
(F) Second Final Flow Pressure 191 PSI @ (depth) _____
(G) Final Shut-in Pressure 202 PSI Initial Opening 30 Test 600
(H) Final Hydrostatic Mud 1759 PSI Initial Shut-in 45 Jars _____
Final Flow 45 Safety Joint _____
Final Shut-in 60 Straddle _____
Circ. Sub _____
Sampler _____
Extra Packer _____
Elect. Rec. _____
Other _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By [Signature]
Our Representative Paul Simpson

TOTAL PRICE \$ 600

TRILOBITE TESTING L.L.C.

OPERATOR : Vincent Oil Corporation
 WELL NAME: Morpew #3
 LOCATION : 33-07S-22W, Graham Cty KS
 INTERVAL : 3622.00 To 3656.00 ft

DATE 01-02-96

KB 2213.00 ft TICKET NO: 8904 DST #5
 GR 2208.00 ft FORMATION: Lansing K-L zone
 TD 3656.00 ft TEST TYPE: CONVENTIONAL

RECORDED DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	24174	24174	10994			PF Fr. 1928 to 1958 hr
SI 45	Range(Psi)	3050.0	3050.0	4225.0	0.0	0.0	IS Fr. 1958 to 2043 hr
SF 60	Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 2043 to 2143 hr
FS 75	Depth(ft)	3625.0	3625.0	3651.0	0.0	0.0	FS Fr. 2143 to 2258 hr

	Field	1	2	3	4	
1. Init Hydro	1735.0	1733.0	0.0	0.0	0.0	T STARTED 1800 hr
3. First Flow	30.0	30.0	0.0	0.0	0.0	T ON BOTM 1926 hr
31. Final Flow	37.0	34.0	0.0	0.0	0.0	T OPEN 1928 hr
2. In Shut-in	819.0	820.0	0.0	0.0	0.0	T PULLED 2258 hr
0. Init Flow	44.0	49.0	0.0	0.0	0.0	T OUT 0016 hr
5. Final Flow	67.0	59.0	0.0	0.0	0.0	
2. Fl Shut-in	781.0	781.0	0.0	0.0	0.0	TOOL DATA-----
3. Final Hydro	1697.0	1691.0	0.0	0.0	0.0	Tool Wt. 2400.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 65000.00 lbs
						Initial Str Wt 44000.00 lbs
						Unseated Str Wt 44000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3636.00 ft

RECOVERY

Net Fluid 120.00 ft of 0.00 ft in DC and 120.00 ft in DP
 120.00 ft of Muddy water - 80% water, 20% mud

RW .25 @ 60 F

SALINITY 33000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 .5" blow building to 1.5"

Initial Shutin -
 No blow

Final Flow -
 .5" blow building to 6"

Final Shutin -
 No blow

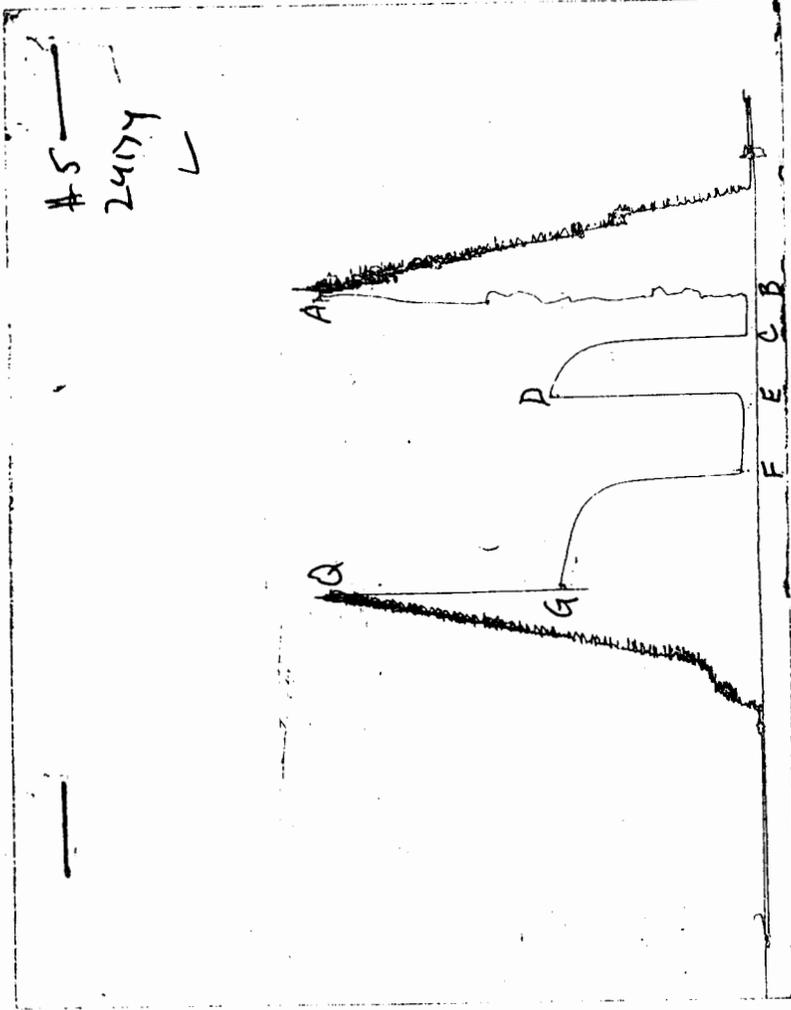
SAMPLES:
 SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	49.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	109.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Paul Simpson
Co. Rep.	Craig Caulk
Contr.	White & Ellis
Rig #	9
Unit #	
Pump T.	

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 8904

Well Name & No. <u>Morphy #3</u>	Test No. <u>5</u>	Date <u>1-2-46</u>
Company <u>Vincent Oil Corp</u>	Zone Tested <u>LK L K-2</u>	
Address _____	Elevation <u>2213</u> KB <u>2208</u> GL _____	
Co. Rep / Geo. <u>Craig Calk</u>	Cont. <u>White Elm #9</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>33</u> Twp. <u>7S</u> Rge. <u>22W</u> Co. <u>Graham</u> State <u>K</u>		
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>3622-3656</u>	Initial Str Wt./Lbs. <u>44,000</u>	Unseated Str Wt./Lbs. _____
Anchor Length <u>34</u>	Wt. Set Lbs. _____	Wt. Pulled Loose/Lbs. _____
Top Packer Depth <u>3617</u>	Hole Size — 7 7/8" _____	Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>3622</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____	
Total Depth <u>3656</u>	Drill Collar — 2.25 Ft. Run _____	
Mud Wt. <u>11</u> LCM _____ Vis. <u>49</u> WL _____	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3636</u> <u>58.5</u>
Blow Description <u>1/2" blow building to 1 1/2"</u>		
<u>ISI - no blow</u>		
<u>58 - 1/2" blow building to 6"</u>		
<u>FSI</u>		

Recovery — Total Feet <u>120</u>	Ft. in DC _____	Ft. in WP _____	Ft. in DP <u>120</u>
Rec. <u>120</u> Feet Of <u>MW</u>	%gas _____	%oil _____	<u>80</u> %water <u>20</u> %mud
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____

BHT 109 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
RW .25 @ 60 °F Chlorides 38,000 ppm Recovery Chlorides 2200 ppm System

(A) Initial Hydrostatic Mud <u>1735</u> PSI	Recorder No. <u>24174</u>	T-Started <u>1800</u>
(B) First Initial Flow Pressure <u>30</u> PSI	@ (depth) <u>3624</u>	T-Open <u>1928</u>
(C) First Final Flow Pressure <u>37</u> PSI	Recorder No. <u>10994</u>	T-Pulled <u>22:58</u>
(D) Initial Shut-in Pressure <u>819</u> PSI	@ (depth) <u>3651</u>	T-Out <u>0016</u>
(E) Second Initial Flow Pressure <u>44</u> PSI	Recorder No. _____	
(F) Second Final Flow Pressure <u>67</u> PSI	@ (depth) _____	
(G) Final Shut-in Pressure <u>1781</u> PSI	Initial Opening <u>30</u>	Test <u>1600</u>
(H) Final Hydrostatic Mud <u>1697</u> PSI	Initial Shut-in <u>45</u>	Jars _____

Final Flow <u>60</u>	Safety Joint _____
Final Shut-in <u>75</u>	Straddle _____
	Circ. Sub _____
	Sampler _____
	Extra Packer _____
	Elect. Rec. _____
	Other _____
	TOTAL PRICE \$ <u>600</u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By [Signature]
Our Representative Paul Simpson

TRILOBITE TESTING L.L.C.

OPERATOR : Vincent Oil Corporation
 WELL NAME: Morphew #3
 LOCATION : 33-07S-22W, Graham Cty KS
 INTERVAL : 3759.00 To 3800.00 ft

DATE 01-03-96

KB 2213.00 ft TICKET NO: 8905 DST #6
 GR 2208.00 ft FORMATION: Arbuckle
 TD 3800.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10994	10994	24174			PF Fr. 1858 to 1928 hr
SI 60	Range(Psi)	4225.0	4225.0	3050.0	0.0	0.0	IS Fr. 1928 to 2028 hr
SF 10	Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 2028 to 2041 hr
FS 30	Depth(ft)	3795.0	3795.0	3763.0	0.0	0.0	FS Fr. 2041 to 2111 hr

	Field	1	2	3	4	
A. Init Hydro	1908.0	1914.0	0.0	0.0	0.0	T STARTED 1754 hr
B. First Flow	53.0	49.0	0.0	0.0	0.0	T ON BOTM 1856 hr
B1. Final Flow	53.0	45.0	0.0	0.0	0.0	T OPEN 1858 hr
C. In Shut-in	64.0	545.0	0.0	0.0	0.0	T PULLED 2111 hr
D. Init Flow	53.0	50.0	0.0	0.0	0.0	T OUT 2230 hr
E. Final Flow	53.0	50.0	0.0	0.0	0.0	
F. Fl Shut-in	85.0	96.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1898.0	1879.0	0.0	0.0	0.0	Tool Wt. 2400.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs

RECOVERY

Tot Fluid 30.00 ft of 0.00 ft in DC and 30.00 ft in DP
 30.00 ft of Mud

Unseated Str Wt 45000.00 lbs
 Bot Choke 0.75 in
 Hole Size 7.88 in
 D Col. ID 0.00 in
 D. Pipe ID 3.80 in
 D.C. Length 0.00 ft
 D.P. Length 3758.00 ft

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 .5" blow decreasing slightly to .375"

Initial Shutin -
 No blow

Final Flow -
 No blow, flushed tool, no blow after surge

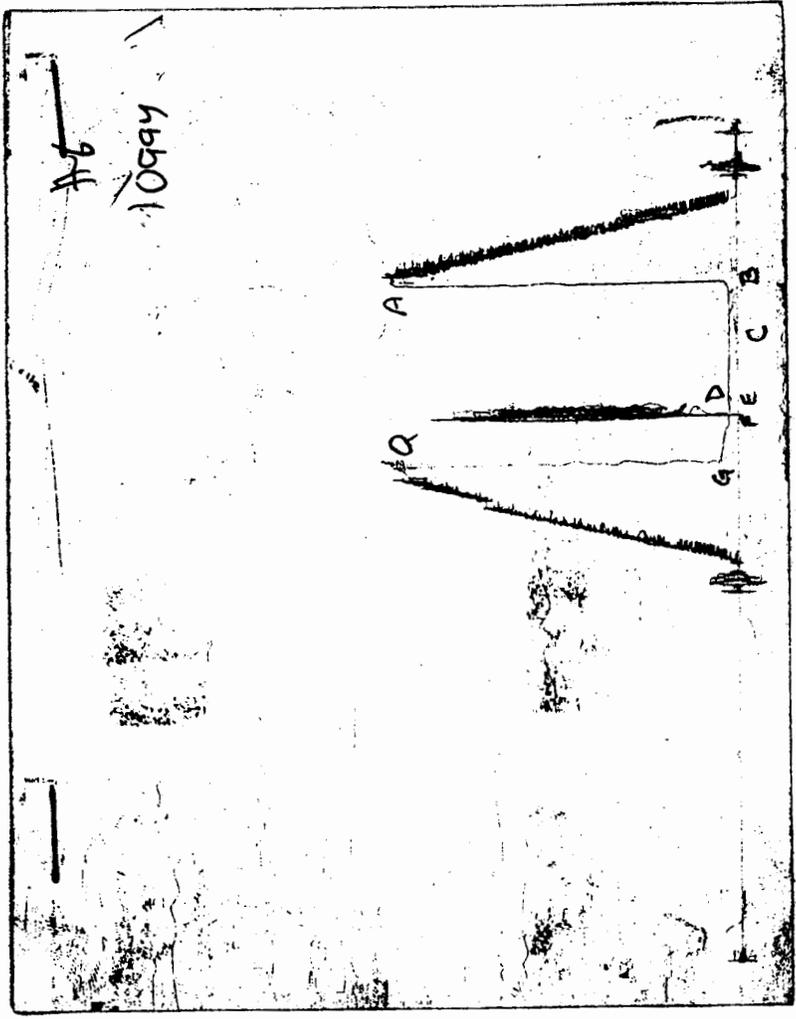
Final Shutin -
 No blow

SAMPLES:
 SENT TO:

MUD DATA-----
 Mud Type Chemical
 Weight 9.00 lb/c
 Vis. 55.00 S/L
 W.L. 9.20 in3
 F.C. 0.00 in
 Mud Drop N
 Amt. of fill 0.00 ft
 Btm. H. Temp. 105.00 F
 Hole Condition good
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Paul Simpson
 Co. Rep. Craig Caulk
 Contr. White & Ellis
 Rig # 9
 Unit #
 Pump T.

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 8905

Well Name & No. Mopshaw #3 Test No. 6 Date 1-3-96
 Company Vincer Oil Corp Zone Tested Arbuckle
 Address _____ Elevation 2213 KB 2208 GL
 Co. Rep / Geo. Craig Caulk Cont. Whit & Ellsberg Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 33 Twp. 9s Rge. 22w Co. Graham State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3759-3800 Initial Str Wt./Lbs. 45,000 Unseated Str Wt./Lbs. _____
 Anchor Length 41 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. _____
 Top Packer Depth 3754 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 3759 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 3800 Drill Collar — 2.25 Ft. Run _____
 Mud Wt. 9.0 LCM _____ Vis. 55 WL 9.2 Drill Pipe Size 4 1/2 x H Ft. Run 3758 60.5
 Blow Description 1/2" blow decreasing slightly to 3/8"
FS - no blow - flush tool no blow after surge

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP	%gas	%oil	%water	%mud
30			30				
Rec. 30	Feet Of mud						
Rec. _____	Feet Of _____						
Rec. _____	Feet Of _____						
Rec. _____	Feet Of _____						
Rec. _____	Feet Of _____						

BHT 105 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 1908 PSI Recorder No. 24174 T-Started 1754
 (B) First Initial Flow Pressure 53 PSI @ (depth) 3763 T-Open 1858
 (C) First Final Flow Pressure 53 PSI Recorder No. 10994 T-Pulled 2101
 (D) Initial Shut-in Pressure 64 PSI @ (depth) 3795 T-Out 2230
 (E) Second Initial Flow Pressure 53 PSI Recorder No. _____
 (F) Second Final Flow Pressure 53 PSI @ (depth) _____
 (G) Final Shut-in Pressure 85 PSI Initial Opening 30 Test 600
 (H) Final Hydrostatic Mud 1898 PSI Initial Shut-in 60 Jars _____
 Final Flow 10 Safety Joint _____
 Final Shut-in 30 Straddle _____

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Approved By Craig Caulk
 Our Representative Paul Simpson

Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Elect. Rec. _____
 Other _____
 TOTAL PRICE \$ 600